

infochroma ag

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Sample filtration for UPLC

The smaller the particle size of the HPLC phase the more important is the purity of the sample. In the „good old times“ of 5 μm phases, filtration wasn't always necessary. But today, with modern UPLC and its particle sizes of 1.7 μm , filtering the sample with a filter of 0.2 μm pore size is essential in order to give the column a reasonable life span.








A PTFE membrane is recommended for organic solvents, Regenerated Cellulose for aqueous protein samples. The chosen pore size should be 0.2 μm so that viruses, bacteria and other biological fragments are effectively retained. The necessary filter diameter is defined by the volume of the sample and the load of suspended particles. Various filter diameters are available so that the optimum filter can be chosen.

For applying the sample on the filter, PP-syringes with luer-slip with volumes from 1 to 50 ml are available depending on filtration volume. We are happy to send you samples of filter and matching PP-syringe for your filtrate. Write to us for samples.






UPLC/Nano HPLC is also a topic at the up-coming infoExpo in Lausanne on 23. September 2008 and Basel on 24. September 2008. A good chance to learn more about the latest developments on this subject in the seminar and on the practical aspects in the afternoon workshops.

We look forward to seeing you either in Lausanne or in Basel and to discussing your applications and possible solutions with you.







Filter with PTFE Membrane for organic samples Pore Size: 0.2 μm

≤ 2 ml Sample Volume	≤ 10 ml Sample Volume	≤ 20 ml Sample Volume	≤ 100 ml Sample Volume	≤ 200 ml Sample Volume
				
4 mm \varnothing	13 mm \varnothing	17 mm \varnothing	25 mm \varnothing	30 mm \varnothing
8804C-P-2	8813C-P-2	8817-P-2	8825C-P-2	8830-P-2
CHF 107.00/100 pcs.	CHF 148.00/100 pcs.	CHF 330.00/200 pcs.	CHF 162.00/100 pcs.	CHF 230.00/100 pcs.

Filter with Regenerated Cellulose Membrane for aqueous, protein samples Pore Size: 0.2 μm

≤ 2 ml Sample Volume	≤ 10 ml Sample Volume	≤ 20 ml Sample Volume	≤ 100 ml Sample Volume	≤ 200 ml Sample Volume
				
4 mm \varnothing	13 mm \varnothing	17 mm \varnothing	25 mm \varnothing	30 mm \varnothing
8804C-RC-2	8813C-RC-2	8817-RC-2	8825C-RC-2	8830-RC-2
CHF 107.00/100 pcs.	CHF 155.00/100 pcs.	CHF 330.00/200 pcs.	CHF 186.00/100 pcs.	CHF 220.00/100 pcs.

Polypropylene Syringes with Luer Slip

1 ml with Luer Slip 	8899-PP1 = CHF 57.00/100 pcs. <i>Special price* = CHF 44.00/100 pcs.</i>	20 ml with Luer Slip 	8899-PP20 CHF 75.00/100 pcs. <i>Special price* CHF 57.00/100 pcs.</i>
3 ml with Luer Slip 	8899-PP3 = CHF 38.00/100 pcs. <i>Special price* = CHF 29.00/100 pcs.</i>	50 ml with Luer Slip 	8899-PP50 CHF 170.00/100 pcs. <i>Special price* CHF 116.00/100 pcs.</i>
5 ml with Luer Slip 	8899-PP5 = CHF 35.00/100 pcs. <i>Special price* = CHF 26.50/100 pcs.</i>		
10 ml with Luer Slip 	8899-PP10 = CHF 56.00/100 pcs. <i>Special price* = CHF 43.00/100 pcs.</i>		

**Special price valid if filter and syringes are purchased in combination
valid only if order code **FS1024** is quoted
offer valid till 24. October 2008*

Filter: Price for 1 Pack; Quantity breaks from 3 packs
Syringes: Price for 500 pcs.; Quantity breaks from 1000 pcs.
all prices excl. VAT., excl. postage and packaging



infoExpo 2008

23. Septembre 2008

Lausanne

Hôtel Mövenpick

09:00 - 13:00: Séminaire

Detection of impurities with HPTLC

Dr. Anita Ankli, CAMAG

High-speed countercurrent chromatography (HSCCC) - an all-liquid method for the separation of natural products

Dr. Andrew Marston, Université de Genève, Laboratory Pharmacognosy and Phytochemistry

Quo Vadis LC? HPLC, FastLC, Rapid Separation LC, LCi: Quelle combinaison entre flexibilité technique et rentabilité économique mène à la meilleure productivité?

Roland Locher, Dionex (Switzerland) AG

NQAD - Nano Quantity Analyte Detector: A new aerosol based HPLC-Detector with ultrahigh sensitivity, excellent dynamic range and good linearity

Dr. Jürgen Maier-Rosenkranz, Grace Davison Discovery Sciences Alltech Grom GmbH

MEPS, a New Possibility for Automatic Sample Preparation

Bernd Pfeffer, SGE (Deutschland) GmbH

A Triple Quadrupole for GC and HPLC-MS - Technology and Application

Dr. Karl Abele, Varian AG

New techniques for accelerating throughput and efficiency in HPLC

Luca Piatti, Perkin Elmer Italy

14:15 - 17:00: Workshops

Different strategies for successful fast HPLC

Dr. Jürgen Maier-Rosenkranz chez BGB Analytik AG

Photo documentation et evaluation de la chromatographie sur couche mince

Jürg Leuenberger, CAMAG

Use and application of special phases for better separation in flash chromatography

Dr. Jörg Heerklotz / IG Instrumenten-Gesellschaft AG

Innovation in shape Selectivity HPLC for aromatic compounds and specific application for PAHs

Joyce Link, Milian SA

New techniques for accelerating throughput and efficiency in HPLC and Headspace GC

Denis Rousseil, PerkinElmer (Schweiz) AG

The practical approach to HSCCC

Ruedi Schwarz, sertec electronics

LC Techniques for Polar Compounds

Gunnar Sturm, Stagroma AG

Increasing your productivity by automating LC or GC method development

Pascal Hendry, Varian AG

Focus HPLC columns

Dr. Rod Mc Illwrick, VWR International



Séminaire



Exposition

08:30 - 17:00 Exposition

BGB Analytik AG

CAMAG

Dionex (Switzerland) AG

IG Instrumenten-Gesellschaft

infochroma ag

Milian SA

P.H. Stehelin

PerkinElmer (Schweiz)AG

sertec electronics

Stagroma AG

Varian AG

VWR International AG



Workshop



infoExpo 2008

24. September 2008
Basel

UBS Ausbildungs- und Konferenzzentrum

09:00 - 13:00: Seminar

Erkennen von Verunreinigungen mittels HPTLC

Dr. Anita Ankli, CAMAG

High-speed countercurrent chromatography (HSCCC) - an all-liquid method for the separation of natural products

Dr. Andrew Marston, Universität Genf, Laboratory Pharmacognosy and Phytochemistry

Quo Vadis LC? HPLC, FastLC, Rapid Separation LC, LCi: welche Kombination von Technologie und Wirtschaftlichkeit führt zur gewünschten Produktivitätssteigerung?

Fabrizio Sabini, Dionex (Switzerland) AG

NQAD - Nano Quantity Analyte Detector: Ein neuer Aerosol-basierender HPLC-Detektor mit extrem hoher Empfindlichkeit, exzellentem dynamischen Bereich und guter Linearität.

Dr. Jürgen Maier-Rosenkranz, Grace Davison Discovery Sciences Alltech Grom GmbH

Halo. New fused core particles for very fast and very efficient HPLC separations

André Dams, Advanced Materials Technology Inc.

Triple Quadrupole für GC/MS und HPLC-MS - Technologie und Applikationen

Dr. Karl Abele, Varian AG

New techniques for accelerating throughput and efficiency in HPLC

Luca Piatti, Perkin Elmer Italy

14:15 - 17:00: Workshops

Unterschiedliche Strategien für erfolgreiche, schnelle Chromatographie

Dr. Jürgen Maier-Rosenkranz am Stand BGB Analytik AG

Digitale Bilddokumentation und Evaluation für die Dünnschicht-Chromatographie

Jürg Leuenberger, CAMAG

Einsatz und Applikationen spezieller Phasen zur Trennung komplexer Stoffgemische in der Flash-Chromatographie

Dr. Jörg Heerklotz / IG Instrumenten-Gesellschaft AG

Innovationen in "Shape Selectivity" - HPLC für aromatische Verbindungen und spezielle PAK-Applikationen

Joyce Link, Milian SA

Spielwiese SPE: Kartuschen, 96er-Platten und Technik zum Anfassen

Neue Fast-LC Säulen: PURSUIT XRS UPS und ULTRA

P. H. Stehelin

HSCCC in der praktischen Anwendung

Ruedi Schwarz, sertec electronics

MEPS, eine neue Möglichkeit der automatisierbaren Probenvorbereitung

Bernd Pfeffer, SGE (Deutschland) GmbH; Stand infochroma ag

LC Techniken für die Trennung polarer Verbindungen

Gunnar Sturm, Stagroma AG

Erhöhung der Produktivität Automatisierung der LC oder GC Methoden Entwicklung

Pascal Hendry, Varian AG

Schwerpunkt HPLC Säulen

Dr. Rod Mc Illwrick, VWR International



Seminar



Ausstellung

08:30 - 17:00 Ausstellung

BGB Analytik AG

CAMAG

Dionex (Switzerland) AG

IG Instrumenten-Gesellschaft

infochroma ag

Milian SA

P.H. Stehelin

PerkinElmer (Schweiz)AG

sertec electronics

Stagroma AG

Varian AG

VWR International AG



Workshop